

SAFETY DATA SHEET

ADITERGE I

Version 1

Revision Date 02/10/2015

Print Date 03/16/2015

US / Z8

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : ADITERGE I

Product Use Description : Surfactant

Company : Akzo Nobel Surface Chemistry LLC
525 West Van Buren
Chicago IL 60607
USA

Telephone : +18009069977

Fax : +13125447188

E-mail address :

Emergency telephone : Chemtrec: 800-424-9300 Canutec: 613 -996-6666 Medical/Handling: 914-693-6946

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	liquid
Color	light yellow
Odor	amine-like

GHS Classification

Eye irritation, Category 2A

GHS Label element

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H319 Causes serious eye irritation.

Precautionary Statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection.
Response:
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/

attention.

Potential Health Effects

Inhalation	: Inhalation of aerosols may cause irritation to mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors.
Skin	: May cause skin irritation.
Eyes	: Causes serious eye irritation.
Ingestion	: May cause irritation of the mucous membranes.
Aggravated Medical Condition	: None known.
Symptoms of Overexposure	: No information available.

Carcinogenicity:

IARC	: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
ACGIH	: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous ingredients**

Chemical Name	CAS-No.	Classification	Concentration [%]
Proprietary surfactant blend component		Eye Irrit. 2A; H319	30 - 50

For the full text of the H -Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

General advice	: Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attendance.
Inhalation	: If breathed in, move person into fresh air. Consult a physician after significant exposure.
Skin contact	: Take off contaminated clothing and shoes immediately. Rinse immediately with plenty of water.
Eye contact	: Rinse with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. Obtain medical attention.
Ingestion	: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Obtain medical attention.
Notes to physician	
Symptoms	: No information available.
Risks	: No information available.
Treatment	: No information available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards during fire fighting / Specific hazards arising from the chemical	: No hazards to be specially mentioned.
Combustion products	: Carbon oxides Nitrogen oxides (NOx)
Special protective equipment for fire-fighters	: In the event of fire, wear self-contained breathing apparatus.
Further information	: Standard procedure for chemical fires.

See also Section 9. Physical and chemical properties: Safety data

6. ACCIDENTAL RELEASE MEASURES

- | | | |
|--|---|---|
| Personal precautions | : | Use personal protective equipment.
Ensure adequate ventilation. |
| Environmental precautions | : | Try to prevent the material from entering drains or water courses. |
| Methods for cleaning up /
Methods for containment | : | Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal. |
| Additional advice | : | For personal protection see section 8. |

7. HANDLING AND STORAGE

Handling

- | | | |
|-------------------------|---|---|
| Advice on safe handling | : | For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Avoid contact with skin, eyes and clothing. |
|-------------------------|---|---|

- | | | |
|---|---|---|
| Advice on protection against fire and explosion | : | Normal measures for preventive fire protection. |
|---|---|---|

Storage

- | | | |
|---|---|--|
| Requirements for storage areas and containers | : | Keep container tightly closed in a dry and well -ventilated place. |
| Other data | : | No decomposition if stored and applied as directed. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Contains no substances with occupational exposure limit values.

Engineering measures

Effective exhaust ventilation system
Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

- | | | |
|--------------------------|---|--|
| Eye/face protection | : | Tightly fitting safety goggles |
| Hand protection | : | Glove material: For prolonged or repeated contact use protective gloves.

Glove material: Protective gloves complying with EN 374. |
| Skin and body protection | : | Protective suit |

Respiratory protection	: In the case of vapor or aerosol formation use a respirator with an approved filter.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

Environmental exposure controls

General advice	: Try to prevent the material from entering drains or water courses.
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9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form	: liquid
Color	: light yellow
Odor	: amine-like
Odor Threshold	: No data available

Safety data

pH	: 7 - 8 at 5 % solution
Melting point/freezing point	: No data available
Boiling point/boiling range	: > 100 °C
Flash point	: > 100 °C Method: Pensky -Martens closed cup
Evaporation rate	: No data available
Flammability (solid, gas)	: Not applicable
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Vapor pressure	: No data available
Relative vapor density	: No data available
Relative density	: 0.98 at 20 °C
Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n - octanol/water	: No data available
Autoignition temperature	: No data available

Decomposition temperature	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

This material safety datasheet only contains information relating to safety and does not replace any product information or product specification.

10. STABILITY AND REACTIVITY

Conditions to avoid	: None known.
Materials to avoid	: None known.
Hazardous decomposition products	: No hazardous decomposition products are known.
Thermal decomposition	: No data available
Reactivity	: Stable under normal conditions.
Chemical stability	: Stable under recommended storage conditions.
Hazardous reactions	: No dangerous reaction known under conditions of normal use.

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:

Toxicology Assessment

Further information : No further data available.

Carcinogenicity:

IARC	: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
ACGIH	: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

TOXICOLOGY DATA FOR THE INGREDIENTS:

Test result

Component: Proprietary surfactant blend component

Acute oral toxicity : LD50: > 2,000 mg/kg
Species: Rat
Literature data.

Eye irritation : Result: Irritating to eyes.

12. ECOLOGICAL INFORMATION**PRODUCT INFORMATION:****Ecotoxicology Assessment**

Additional ecological information : None known.

Further information on ecology**Hazardous to the ozone layer**

Regulation : 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks : This product contains no Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

INGREDIENTS:**Test result****Component: Proprietary surfactant blend component****Ecotoxicity effects**

Toxicity to fish : LC50: > 1,000 mg/l
Exposure time: 96 h
Species: Fish
Literature data.

Elimination information (persistence and degradability)

Bioaccumulation : No data available

Mobility : No data available

Biodegradability : Result: Not readily biodegradable.
Literature data.

Further information on ecology

Biochemical Oxygen Demand (BOD) : No data available

13. DISPOSAL CONSIDERATIONS

- | | | |
|------------------------|---|---|
| Product | : | Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Hazardous waste
Dispose of contents/container in accordance with local regulation. |
| | : | Waste must be disposed of in accordance with federal, state and local environmental control regulations. |
| Contaminated packaging | : | Empty remaining contents.
Dispose of as unused product. |

14. TRANSPORT INFORMATION**International Regulation****ADR**

Not regulated as a dangerous good

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Further information for transport

Not classified as dangerous in the meaning of transport regulations.

Domestic regulation**49 CFR**

Not regulated as a dangerous good

TDG

Not regulated as a dangerous good

NOM-002-SCT

Not regulated as a dangerous good

15. REGULATORY INFORMATION**Notification status**

- | | | |
|--------|---|--|
| CH INV | : | YES. On the inventory, or in compliance with the inventory |
| TSCA | : | YES. All chemical substances in this product are either listed on the TSCA Inventory or in compliance with a TSCA Inventory exemption. |
| DSL | : | YES. All components of this product are on the Canadian DSL. |
| AICS | : | YES. On the inventory, or in compliance with the inventory |
| NZIoC | : | YES. On the inventory, or in compliance with the inventory |
| ENCS | : | NO. Not in compliance with the inventory |
| ISHL | : | NO. Not in compliance with the inventory |
| KECI | : | YES. On the inventory, or in compliance with the inventory |
| PICCS | : | YES. On the inventory, or in compliance with the inventory |
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IECSC : NO. Not in compliance with the inventory

For explanation of abbreviations, see section 16.

TSCA list : Not relevant

OSHA Hazards : Severe eye irritant

EPCRA - Emergency Planning and Community Right -to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP) subject to disclosure, as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals subject to disclosure and listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals subject to disclosure and listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60. 489).

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

1,2-Propylene oxide 75-56-9

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

1,2-Propylene oxide 75-56-9

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

California Prop. 65

WARNING! This product contains a chemical known in the State of California to cause cancer.

1,2-Propylene oxide 75-56-9

16. OTHER INFORMATION

Full text of H-Statements

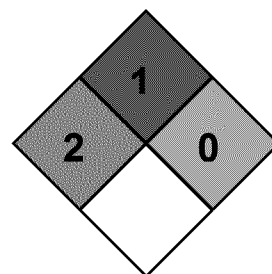
H319 : Causes serious eye irritation.

Further information

HMIS Classification : Health Hazard: 2
Flammability: 1
Physical hazards: 0

NFPA Classification

: Health Hazard: 2
Fire Hazard: 1
Reactivity Hazard: 0

**Notification status explanation**

REACH	1907/2006 (EU)
CH INV	Switzerland. New notified substances and declared preparations
TSCA	United States TSCA Inventory
DSL	Canadian Domestic Substances List (DSL)
AICS	Australia Inventory of Chemical Substances (AICS)
NZIoC	New Zealand. Inventory of Chemical Substances
ENCS	Japan. ENCS - Existing and New Chemical Substances Inventory
ISHL	Japan. ISHL - Inventory of Chemical Substances
KECI	Korea. Korean Existing Chemicals Inventory (KECI)
PICCS	Philippines Inventory of Chemicals and Chemical Substances (PICCS)
IECSC	China. Inventory of Existing Chemical Substances in China (IECSC)

Further information

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